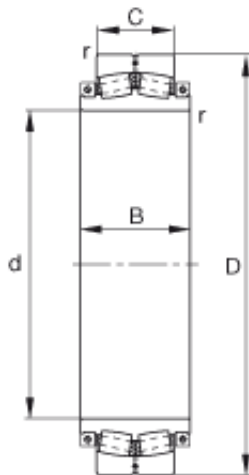




BEARING DRIVESHAFT ANDERSON, INC.



500 mm x 870 mm x 450 mm FAG
241SM500-MA Spherical roller bearings

Bearing No. 241SM500-MA

| | |
|----------------|---|
| Size | 500x870x335 mm |
| Bore Diameter | 500 mm |
| Outer Diameter | 870 mm |
| Width | 335 mm |
| d | 500 mm |
| D | 870 mm |
| C | 335 mm |
| B | 450 mm |
| r_{\min} | 7,5 mm |
| m | 1100 kg / Weight |
| C_r | 8500000 N / Dynamic load rating (radial) |
| e | 0,39 |
| Y_1 | 1,73 |
| Y_2 | 2,58 |
| C_{0r} | 17600000 N / Static load rating (radial) |
| Y_0 | 1,69 |
| n_G | 207 1/min / Limiting speed |
| C_{ur} | 1280000 N / Fatigue limit load, radial |
| $F_{a \max}$ | 60000 N / Permissible axial load, for inner ring without axial abutment |
| M_i | 1000 Nm / Tightening torque per clamping screw |

241SM500-MA Bearing 2D drawings and 3D CAD models